



STANDARD



OPTIONAL



TECHNICAL SPECIFICATIONS STANDARD MOTOR:

- 6" NEMA flange with Studs (M 12)
- Protection: IP 68
- Starts per hour: max. 20
- Installation position: vertical / horizontal
- Motor Lead in 4m length (KTW approved)
- Standard voltage: 380-415V/50Hz, 460V/60Hz; Voltage tolerance: +6% / -10% (Standard: 415 + 6% = 440V, 380 - 10% = 342V)
- Motor protection: Select thermal overloads according to EN 60947-4-1, trip class 10 or 10A, trip time <10 s at 5 x I_N
- YΔ - start (pos. of cables 90°)
- Standard motor with PVC winding insulation (37kW in standard with PE2/PA insulation) for max. ambient temp. of 30°C with a min. cooling flow:
4 kW - 15 kW v = 0,2 m/s
18,5 kW - 37 kW v = 0,5 m/s

OPTIONS

- Other voltages: 230V, 690V, 1000V 50Hz
- Motors in complete 316SS and 904L
- Motors up to 30kW with PE2/PA winding insulation for max. ambient temp. of 50°C at the same cooling conditions as standard (37 kW max. 45°C)
- PT 100 temperature sensor (sold separately)

6" Rewindable Motors

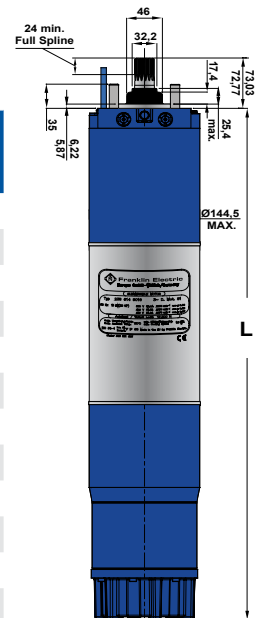
These 6" rewindable motors, manufactured in ISO 9001 certified facilities, are built for dependable operation in 6" diameter or larger water wells. Water lubricated thrust and radial bearings enable a maintenance free operation. A special diaphragm ensures pressure compensation inside the motor. The motor is filled with a special FES93 fluid, providing frost protection down to -15°C storage temperature.

The SAND FIGHTER™ SiC seal system is the standard option for applications in aggressive media, motors made of 316 SS and 904L are available.

PRODUCT ADVANTAGES

- Cable material according to drinking water regulations (KTW approved)
- Sand slinger and mechanical seal for high performance in sand
- High efficiency electrical design for low operation cost
- All motors prefilled and 100% tested
- Max. storage temperature -15°C – +60°C
- Design for retrofitable PT100 sensor
- Approved Franklin Electric "Kingsbury Type" thrust bearing
- Non contaminating FES93 -filled design

P _N (kW)	Thrust (N)	n _N (min ⁻¹)	L (mm)	m (kg)
4	15500	2930	699	48
5,5	15500	2890	699	48
7,5	15500	2880	719	50
9,3	15500	2870	749	53
11	15500	2880	779	56
13	15500	2900	829	61
15	15500	2890	874	66
18,5	15500	2880	919	70
22	15500	2900	1009	79
26	15500	2900	1114	90
30	27500	2910	1214	100
37	27500	2900	1294	107



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Toll Free: 1300 FRANKLIN
franklin-electric.com.au